

## Preset Sample Data

Sample Name: **20637i**  
 Description: XPF  
 Method: Tq-0261a  
 Job Number: Thilo Ac Vis  
 Sample State: Pressed tablet, 32 mm  
 Sample Type: Pressed Tablet  
 Sample Status: A A A X X X

Dilution Material: B-HWC  
 Sample Mass (g): 4.0000  
 Dilution Mass (g): 0.0000  
 Dilution Factor: 1.0000  
 Sample rotation: No  
 Date of Receipt: 28/06/2006  
 Date of Evaluation: 28/06/2006

## Results

The error is the statistical error with 1 sigma confidence interval

## Screening analysis

|    |       |         |        |      |
|----|-------|---------|--------|------|
| 11 | Na2O  | 23100   | ± 1800 | µg/g |
| 12 | MgO   | 14160   | ± 400  | µg/g |
| 13 | Al2O3 | 117400  | ± 600  | µg/g |
| 14 | SiO2  | 623100  | ± 1000 | µg/g |
| 15 | P2O5  | 19090   | ± 110  | µg/g |
| 16 | SO3   | 2236    | ± 26   | µg/g |
| 17 | Cl    | > 14980 | ± 30   | µg/g |
| 19 | K2O   | 20290   | ± 150  | µg/g |
| 20 | CaO   | 38040   | ± 180  | µg/g |
| 22 | TiO2  | 3713    | ± 41   | µg/g |
| 23 | V2O5  | 51      | ± 16   | µg/g |
| 24 | Cr2O3 | 67.2    | ± 6.1  | µg/g |
| 25 | MnO   | 1121    | ± 14   | µg/g |
| 26 | Fe2O3 | 24110   | ± 60   | µg/g |
| 27 | CoO   | 31.9    | ± 6.2  | µg/g |
| 28 | NiO   | 20.5    | ± 1.5  | µg/g |
| 29 | CuO   | 1343    | ± 7    | µg/g |
| 30 | ZnO   | 100.4   | ± 1.8  | µg/g |
| 31 | Ga    | 11.7    | ± 0.7  | µg/g |
| 32 | Ge    | 1.7     | ± 0.3  | µg/g |
| 33 | As2O3 | 16.6    | ± 1.7  | µg/g |
| 34 | Se    | 1.8     | ± 0.2  | µg/g |
| 35 | Br    | 5.3     | ± 0.2  | µg/g |
| 37 | Rb2O  | 55.4    | ± 0.5  | µg/g |
| 38 | SrO   | 68.0    | ± 0.5  | µg/g |
| 39 | Y     | 13.4    | ± 0.4  | µg/g |
| 40 | ZrO2  | 55.2    | ± 3.3  | µg/g |
| 41 | Nb2O5 | 3.2     | ± 1.1  | µg/g |
| 42 | Mo    |         | < 1.6  | µg/g |
| 47 | Ag    |         | < 0.8  | µg/g |
| 48 | Cd    |         | < 1.4  | µg/g |
| 50 | SnO2  | 1056    | ± 4    | µg/g |
| 51 | Sb    |         | < 1.0  | µg/g |
| 52 | Te    |         | < 1.3  | µg/g |
| 53 | I     |         | < 6.4  | µg/g |
| 55 | Cs    |         | < 4.1  | µg/g |
| 56 | Ba    | 286.5   | ± 3.8  | µg/g |
| 57 | La    |         | < 6.5  | µg/g |

## Screening analysis

|    |     |       |       |      |
|----|-----|-------|-------|------|
| 58 | Ce  | 10.4  | ± 2.8 | µg/g |
| 80 | Hg  |       | < 0.8 | µg/g |
| 81 | Tl  | 0.7   | ± 0.5 | µg/g |
| 82 | PbO | 138.6 | ± 1.6 | µg/g |
| 83 | Bi  | 9.8   | ± 0.6 | µg/g |
| 90 | Th  | 5.9   | ± 0.4 | µg/g |
| 92 | U   |       | < 3.5 | µg/g |

Sum of concentration 46.99 %

## Main Compounds

|    |       |         |         |   |
|----|-------|---------|---------|---|
| 11 | Na2O  | 2.31    | ± 0.18  | % |
| 12 | MgO   | 1.416   | ± 0.040 | % |
| 13 | Al2O3 | 11.74   | ± 0.06  | % |
| 14 | SiO2  | 62.31   | ± 0.10  | % |
| 15 | P2O5  | 1.909   | ± 0.011 | % |
| 17 | Cl    | > 1.498 | ± 0.003 | % |
| 19 | K2O   | 2.029   | ± 0.015 | % |
| 20 | CaO   | 3.804   | ± 0.018 | % |
| 26 | Fe2O3 | 2.411   | ± 0.006 | % |

Sum 89.42 %